PATENT
2185-0560P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant:	HIDAKA, Yasuaki et al.	Conf.:	
Appl. No.:	NEW	Group:	
Filed:	July 30, 2001	Examiner:	
For:	LAMINATE OF LIQUID CRYSTALLINE POLYMER		

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, DC 20231

July 30, 2001

Sir:

The following preliminary amendments and remarks are respectfully submitted in connection with the above-identified application.

AMENDMENTS

IN THE CLAIMS:

Please amend the claims as follows:

4. (Amended) The laminate according to Claim 1 wherein the second layer is provided on one surface of the first layer, and a third layer protecting the first layer is provided on other surface of the first layer.

5. (Amended) The laminate according to Claim 1 wherein the first layer and the second layer is laminated via an adhesive layer.

7. (Amended) The laminate according to Claim 1 wherein the first layer and the second layer are laminated via no adhesive.

8. (Amended) The laminate according to Claim 1 wherein the first layer composed of a liquid crystalline polymer showing optical anisotropy in molten state is formed of a liquid crystal polyester resin composition containing a liquid crystal polyester(a-1) as a continuous phase and a copolymer(a-2) containing a functional group reactive with liquid crystal polyester as a dispersed phase.

11. (Amended) The laminate according to Claim 8 wherein the copolymer (a-2) contains an unsaturated glycidyl carboxylate unit and/or an unsaturated glycidyl ether unit in an amount of 0.1 to 30% by weight.

12. (Amended) The laminate according to Claim 8 wherein the copolymer (a-2) is a rubber and/or thermoplastic resin having an epoxy group.

13. (Amended) The laminate according to Claim 8 wherein the liquid crystal polyester (a-1) is obtained by reacting an aromatic dicarboxylic acid, an aromatic diol and an aromatic hydroxycarboxylic acid.

14. (Amended) The laminate according to Claim 8 wherein the liquid crystal polyester (a-1) is obtained by reacting two or more aromatic hydroxycarboxylic acids.

15. (Amended) The laminate according to Claim 1 wherein the first layer is obtained by an inflation (blown) film formation method.

16. (Amended) The laminated film for packaging obtainable using the laminate of Claim 1.

18. (Amended) A vessel obtainable using the laminate of Claim 1.

REMARKS

The amendment to the claims is merely to delete improper multiples and to place the application into better form for examination. Entry of the present amendment and favorable action on the above-identified application are earnestly solicited.

Attached hereto is a marked-up copy of the changes made to the application by this Amendment.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

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Attachments

(Rev. 03/27/01)

VERSION WITH MARKINGS TO SHOW CHANGES MADE

The claims have been amended as follows:

4. (Amended) The laminate according to [any of Claims 1 to 3] Claim 1 wherein the second layer is provided on one surface of the first layer, and a third layer protecting the first layer is provided on other surface of the first layer.

5. (Amended) The laminate according to [any of Claims 1 to 3] Claim 1 wherein the first layer and the second layer is laminated via an adhesive layer.

7. (Amended) The laminate according to [any of Claims 1 to 4] Claim 1 wherein the first layer and the second layer are laminated via no adhesive.

8. (Amended) The laminate according to [any of Claims 1 to 7] Claim 1 wherein the first layer composed of a liquid crystalline polymer showing optical anisotropy in molten state is formed of a liquid crystal polyester resin composition containing a liquid crystal polyester(a-1) as a continuous phase and a copolymer(a-2)

containing a functional group reactive with liquid crystal polyester as a dispersed phase.

11. (Amended) The laminate according to [any of Claims 8 to 10] Claim 8 wherein the copolymer (a-2) contains an unsaturated glycidyl carboxylate unit and/or an unsaturated glycidyl ether unit in an amount of 0.1 to 30% by weight.

12. (Amended) The laminate according to [any of Claims 8 to 10] Claim 8 wherein the copolymer (a-2) is a rubber and/or thermoplastic resin having an epoxy group.

13. (Amended) The laminate according to [any of Claims 8 to 12] Claim 8 wherein the liquid crystal polyester (a-1) is obtained by reacting an aromatic dicarboxylic acid, an aromatic diol and an aromatic hydroxycarboxylic acid.

14. (Amended) The laminate according to [any of Claims 8 to 12] Claim 8 wherein the liquid crystal polyester (a-1) is obtained by reacting two or more aromatic hydroxycarboxylic acids.

15. (Amended) The laminate according to [any of claims 1 to 14] Claim 1 wherein the first layer is obtained by an inflation (blown) film formation method.

16. (Amended) The laminated film for packaging obtainable using the laminate of [any of Claims 1 to 15] Claim 1.

18. (Amended) A vessel obtainable using the laminate of [any of Claims 1 to 15] Claim 1.

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